

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER **521,434**  
**038724.55803US**  
U.S. APPLICATION NO. (If known, see 37 CFR 1.5)  
**To Be Assigned**

INTERNATIONAL APPLICATION NO.  
**PCT/EP2003/007194**

INTERNATIONAL FILING DATE  
**July 4, 2003**

PRIORITY DATE CLAIMED  
**July 17, 2002**

TITLE OF INVENTION

**Vacuum Carburizing Method and Device**

APPLICANT(S) FOR DO/EO/US

**Alexander JURMANN**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office(RO/US)
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: **PTO-1449 and 3 references.**

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|---|--|--|--|--|--|
| <b>U.S. APPLICATION NO. (If known, see 37 CFR 1.5)</b><br><b>To Be Assigned</b> |  | <b>INTERNATIONAL APPLICATION NO.</b><br><b>PCT/EP2003/007194</b> |  | <b>ATTORNEY'S DOCKET NUMBER</b><br><b>038724.55803US</b> |  |
|---|--|--|--|--|--|

|  |                                       |
|--|---------------------------------------|
| <p>21. <input type="checkbox"/> The following fees are submitted:</p> <p><b>BASIC NATIONAL FEE (37 CFR 1.492(a) (1) - (5)):</b></p> <p>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... <b>\$1110.00</b></p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$950.00</b></p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$790.00</b></p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$750.00</b></p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$100.00</b></p> | <b>CALCULATIONS      PTO USE ONLY</b> |
|--|---------------------------------------|

|  |  |  |  |    |  |
|--|--|--|--|----|--|
| <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>  |  |  |  | \$ |  |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). |  |  |  | \$ |  |

| CLAIMS   | NUMBER FILED | NUMBER EXTRA | RATE       | \$ |  |
|--|--------------|--------------|------------|----|--|
| Total Claims   | - 20 =       | 0            | x \$18.00  | \$ |  |
| Independent Claims   | - 3 =        | 0            | x \$88.00  | \$ |  |
| MULTIPLE DEPENDENT CLAIMS(S) (if applicable)   |              |              | + \$300.00 | \$ |  |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |              |              |            | \$ |  |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.   |              |              |            | \$ |  |
| <b>SUBTOTAL =</b>  |              |              |            | \$ |  |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).                      |              |              |            | \$ |  |
| <b>TOTAL NATIONAL FEE =</b>  |              |              |            | \$ |  |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property |              |              |            | \$ |  |
| <b>TOTAL FEES ENCLOSED =</b>   |              |              |            | \$ |  |
| Amount to be refunded:   |              |              |            | \$ |  |
| Amount to be charged:  |              |              |            | \$ |  |

a. ☐ A check in the amount of \$\_\_\_\_\_ to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. **05-1323** in the amount of \$\_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.


c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **05-1323 (Attorney Docket No. 038724.55803US)**. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

**Crowell & Moring LLP**  
**Intellectual Property Group**  
**PO Box 14300**  
**Washington, DC 20044-4300**

  
 SIGNATURE  
 Christopher T. McWhinney  
 NAME  
 42,875  
 REGISTRATION NUMBER  
 February 8, 2005  
 DATE

/tlm (359317)